

BAYLOR COLLEGE OF MEDICINE ACADEMY @RYAN
WEEKLY INSTRUCTIONAL AGENDA
EIGHTH GRADE
Week 1 of Cycle 2
October 3 to October 7



THE 8th GRADE TEAM

Ms. De Dios – Dean gdedios@houstonisd.org

TEACHERS

SUBJECT	NAME	E-MAIL	*CONFERENCE TIME
ELAR	V. Dupree	vdupree@houstonisd.org	B8: 11:25 – 12:40
ELAR	N. Emsley	nicole.emsley@houstonisd.org	B8: 11:25 – 12:40
Math	R. Elegarle	relegarl@houstonisd.org	A3: 11:25 – 12:40
Math	A. Eligio	aeligio@houstonisd.org	A3: 11:25 – 12:40
Science	E. Espino	eespino@houstonisd.org	A3: 11:25 – 12:40
Science	L. Holley	linda.holley@houstonisd.org	A3: 11:25 – 12:40
Social Studies	A. Bjornstad	angela.bjornstad@houstonisd.org	B8: 11:25 – 12:40
Social Studies	B. Telle	brent.telle@houstonisd.org	B8: 11:25 – 12:40
Biotechnology	M. Wertz	mwertz@houstonisd.org	A1: 9:05 – 10:05
Biotechnology	A. Rush	Alisha.rush@houstonisd.org	A1: 9:05 – 10:05
Art	J. Figueroa	jose.figueroa@houstonisd.org	A5: 2:50 – 3:50
Latin	S. Bowen	stephen.bowen@houstonisd.org	A5: 2:50 – 3:50

***Conference times for Fridays may differ. Mondays and Wednesdays are A days. Tuesdays and Thursdays are B days. Fridays are C days when students go to all their classes.**

***PLEASE NOTE THAT AN APPOINTMENT NEEDS TO BE SET UP PRIOR TO MEETING WITH A TEACHER.**

IMPORTANT REMINDERS

- It is imperative for students be at school daily and on time. **First period starts at 8:30 a.m.**
- Parents, dismissal begins at 4:00 pm. All students need to be picked up no later than **4:15 pm.**
- Parents, students must be picked up inside of the gates and will not be allowed to walk outside of the gates without being accompanied by a parent/guardian.
- Students who walk to a residence or after-school program are considered walkers.

SCHOOL RULES AND POLICIES

- Before being dismissed for first period, ALL students MUST be in their assigned areas. 8th-grade students report to the **Cafeteria**. No students are allowed in the hallways, classrooms, or restrooms WITHOUT PERMISSION.
- **Dress code:** Navy blue polo shirt with the BCMA logo, khaki pants/shorts or knee-length skirts, BCMA solid navy sweater. School I.D. must be worn around the neck at all times.
- **ONLY ON FRIDAYS:** BCMA spirit t-shirt or college shirt and blue or black jeans with no tears, cuts, or holes. Wearing of tights does not compensate for jeans' holes, cuts or tears.
- When dismissed at 4:00 p.m., **all bus riders** must proceed directly and promptly to the **auditorium**. **School buses will leave at 4:05 p.m.** every day. Car riders must proceed directly and promptly to the **front of the building**.
- Be respectful to school personnel and fellow students

ANNOUNCEMENTS

October 4, Tuesday – Teacher Service Day – No School for Students

October 5, Wednesday - No School

October 7, Friday - Cycle 1 Report Card will be sent home with students

**Monday (A day) and Thursday (B day) and Friday (C day)**

- Essential Understandings/Guiding Questions
 - In order to produce a polished product, writers revise and edit before publication.
 - What do I need to think about when I revise?
 - What do I need to think about when I edit?
- We will:
 - Develop drafts into a focused, structured, and coherent piece of writing by organizing with purposeful structure, including an introduction, transitions, coherence within and across paragraphs, and a conclusion.
 - Edit drafts using standard English conventions, including correct capitalization.
 - Edit drafts using standard English conventions, including punctuation, including commas in nonrestrictive phrases and clauses, semicolons, colons, and parentheses.
 - Publish written work for appropriate audiences.

Monday (A day) and Thursday (B day)

- Lesson 5, Getting Started
 - Activity 5.1 Modeling Relations on the Coordinate Plane
- Homework – Problems on Transformations. Due next class period.

Friday (C day)

- Activity 5.2 Rotating Any Point on the Coordinate Plane
- Homework – Mathia Unit 3. Due next class period.

GEOMETRY

Monday (A day) and Thursday (B day)

- Lesson 5, Getting Started
 - Activity 5.1 Perimeter and Area of Figures on the Coordinate Plane
- Homework – Problems on Perimeter and Area. Due next class period.

Friday (C day)

- Activity 5.2 Calculating Heights of Triangles
- Homework – Mathia Unit 3. Due next class period.

MR. ELIGIO

MATHEMATICS

Monday (A day) and Thursday (B day)

- Carnegie Learning (Lesson 3: Lateral Moves)
 - Activity 3.2 Translating Any Points on the Coordinate Plane
- Homework: OnTrack Questions

Friday (C day)

- Quiz 3
 - OnTrack Questions
- Mathia
- Textbook: Carnegie Learning (Texas Math Solutions) Grade 8

ALGEBRA 1

Monday (A day) and Thursday (B day)

- Carnegie Learning (Lesson 4: Function Families for 2000. Alex)
 - Activity 4.2: Building Graphs from Characteristics
- Homework: OnTrack Questions

Friday (C day)

- Quiz 3
 - OnTrack Questions
- Mathia
- Textbook: Carnegie Learning (Texas Math Solutions) Algebra I

Monday (A day)

- Trends in the Periodic Table
- Classification of elements – Metals/ nonmetals/ metalloids
- Activity: Arrangement of elements in the periodic table
- IPC, McGraw Hill Education
 - Homework: Practice Exercises 8.5 A

Friday (C Day)

- Periodic Table Guided practice (Lesson Review)
- Practice Exercises: Identifying the group and period of different elements based on their atomic structure
- IPC, McGraw Hill Education/Canvas
 - Homework: Lesson summary worksheet

Monday (A day)

- Unit 2 – Changes in Matter
 - Physical / Chemical change
 - Evidence of Chemical Reaction
 - Activity: “Balloon Activity “
 - Chemical Equation
 - IPC/8th grade science Mc Graw Hill Education/Stemscopes
- Homework: Complete the counting atoms packet

Thursday (B day)

- Chemical Reaction/ Chemical Equation
- The Law of conservation of mass.
- IPC/8th grade science Mc Graw Hill Education
 - Homework: STAAR review questions (Unit 1 and 2)

Friday (C day)

- Continue the lesson on Law of Conservation of mass
 - STAAR review questions
 - Quiz: Unit 1-2
- 8th Grade science/Mc Graw Hill Education
 - Homework: Practice Exercise (STEMSCOPES, Explore Journal) page 45

Monday (A day) and Thursday (B day)

- Unit 2 Lesson 3: The Beginning of the American Revolution

Friday (C day)

- US History Timeline 1 Project Workday

Monday (A day) and Thursday (B day)

- (H) research applications in medical biotechnology such as vaccines, stem cells, microarrays, and pharmaceutical production.
- Do Now: Learners will record in interactive notebooks the following prompt:
- Observation: I notice that the Lotus leaf has strong hydrophobic properties and that water beads on the surface of Lotus Leaves much more than on the surface of other leaves.
- General Question: Does the Lotus leaf have unique properties worth investigating for biomedical application?
- Classroom Activities:
 - Nanotech Investigation (bioengineering): Students will analyze the efficiency of sunscreens created with nanotechnologies compared to unenhanced non-biotechnology created sunscreen types.
 - Students form testable questions, hypothesis, form tables, collect data.
 - Guided Practice: Teacher will demonstrate principle of sunscreen physics.
 - Independent Practice: Students form testable question, hypothesis, form tables, and collect data.
- Homework: The learner will respond in writing via CANVAS to the do now prompt: “Do lotus leaves have biomedical applications?”

Friday (C day)

- Do Now: The learner will record weekly vocabulary in interactive notebooks.
- Students continue to study the efficiency of sunscreen with nanotechnology compared to products without and graph and analyze/interpret data together as a class.
- Guided Practice: teacher will advise students on IIPs.
- Independent Practice: The learner will write conclusions with interpretations and indicate how results compare to what others have found on nano enhanced sunscreens. Students work on writing introductions to their projects

- Homework: The learner will study notes on canvas in preparation for quiz set over Chapter 1 reading content, water chemistry, hydrophobic materials, and nanotechnology

MR. BOWEN**LATIN 1****Monday (A day) and Thursday (B day)**

- The students will plan and collaborate over a group project over stage 3 stories
- Homework: stage 3 quiz on Friday

Friday (C day)

- Students will complete their stage 3 projects. They will take a quiz over Stage 3 vocabulary after a review game.

LATIN 2**Monday (A day) and Thursday (B day)**

- Students will complete a translation over the story, apud Catiacoonii
- Homework: stage 13 quiz on Friday

Friday (C day)

- Students will review and take the stage 13 vocabulary quiz

MR. FIGUEROA**ART**

The teacher will provide his students with his Instructional Agenda

MR. JOHNSON**PHYSICAL EDUCATION**

- Unit: Components of Physical Fitness
- Objective: This week students will continue Components of Physical Fitness. Students will continue to exercise. This week students will continue to work toward running the mile and recreational sports.
- Furthermore, we will begin Fitness Gram next week.
- Students will need to bring their Physical Education Uniforms this week.
- HOMEWORK: None – it's a short week